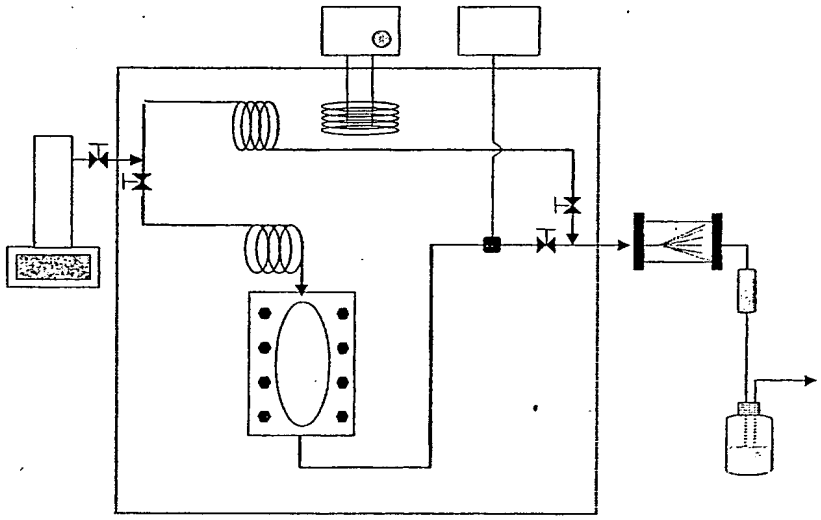


FIGURE 1

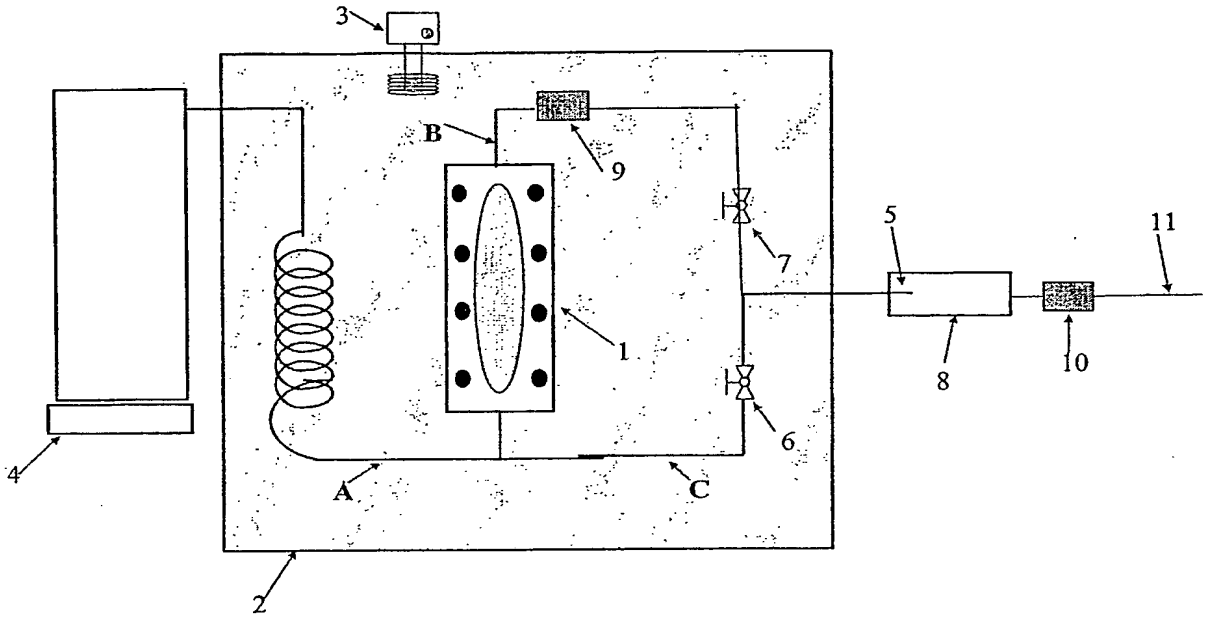


FIGURE 2

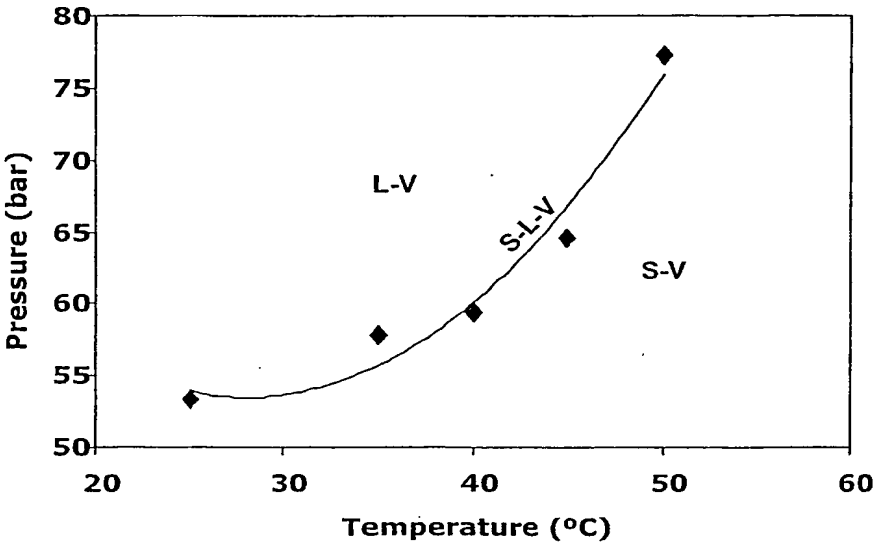

80
75
70
65
60
55
50
Pressure (bar)
L-V
S-L-V
S-V
20
30
40
50
60
Temperature (°C)

FIGURE 3

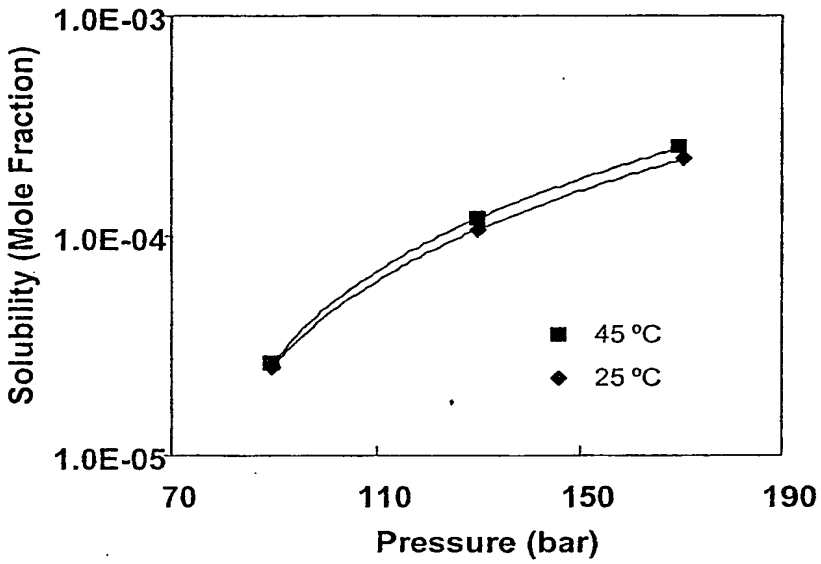
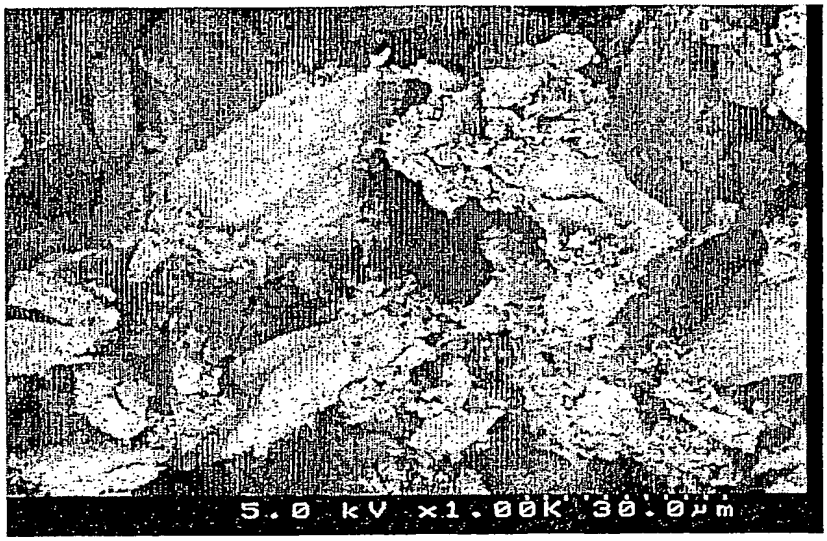

1.0E-03
1.0E-04
1.0E-05
Solubility (Mole Fraction)
45 °C
25 °C
70
110
150
190
Pressure (bar)

FIGURE 4

(a)



(b)

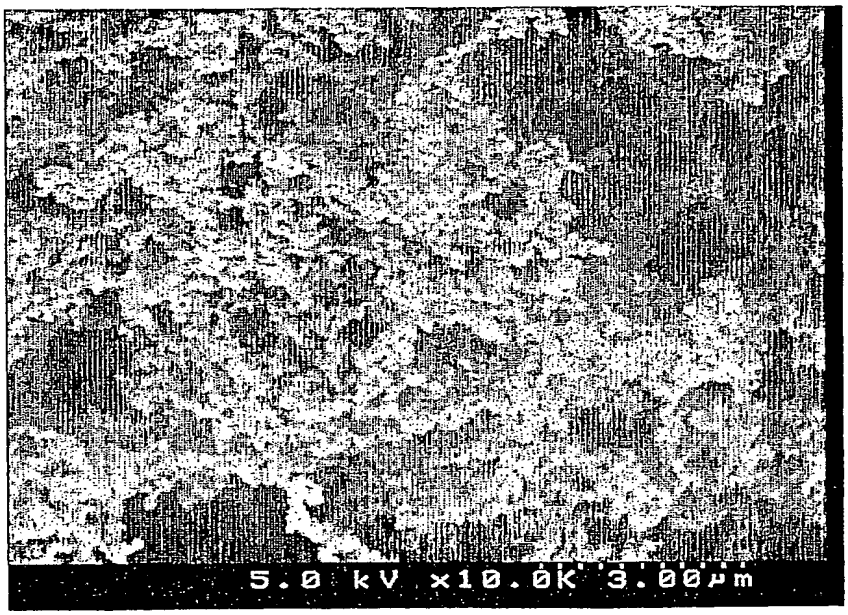


FIGURE 5

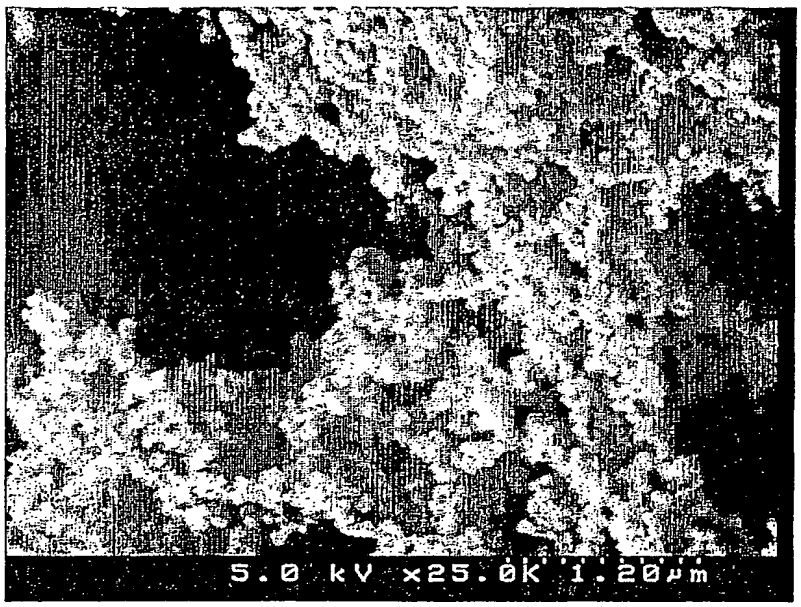


FIGURE 6

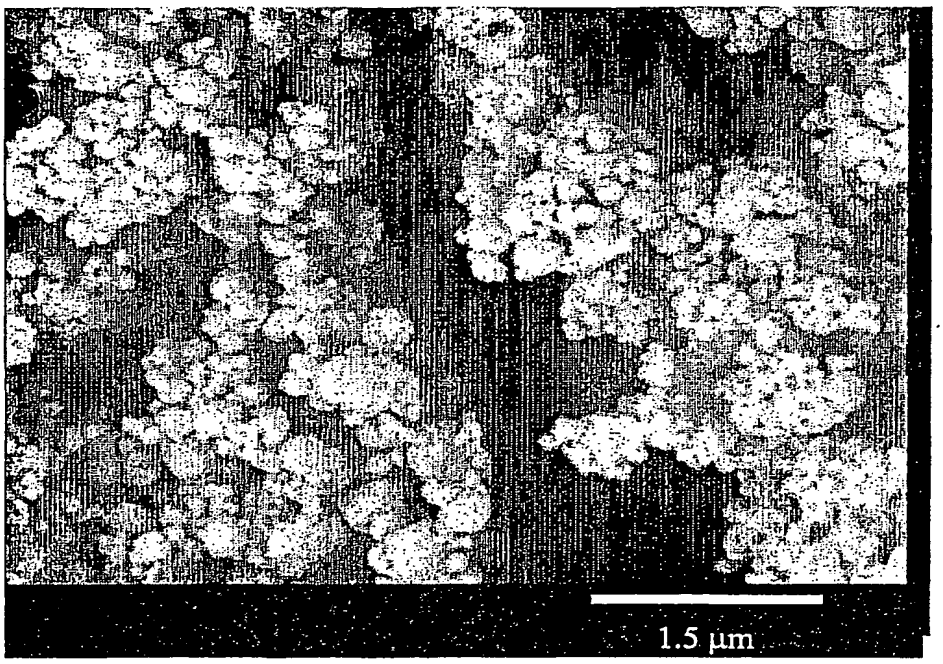


FIGURE 7

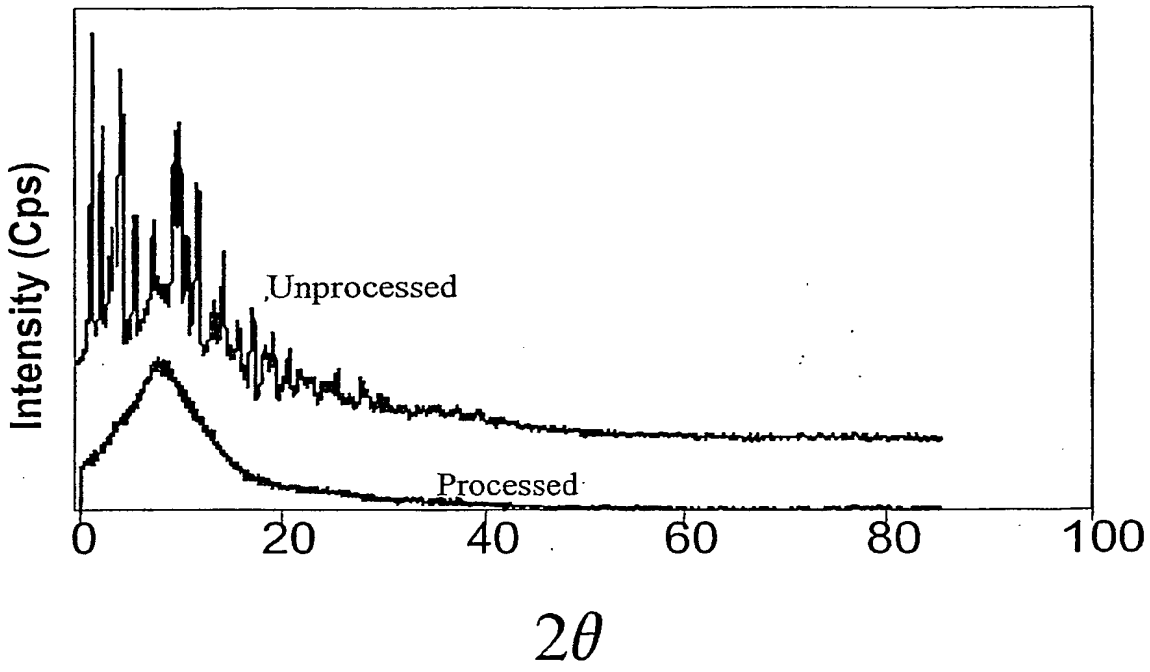
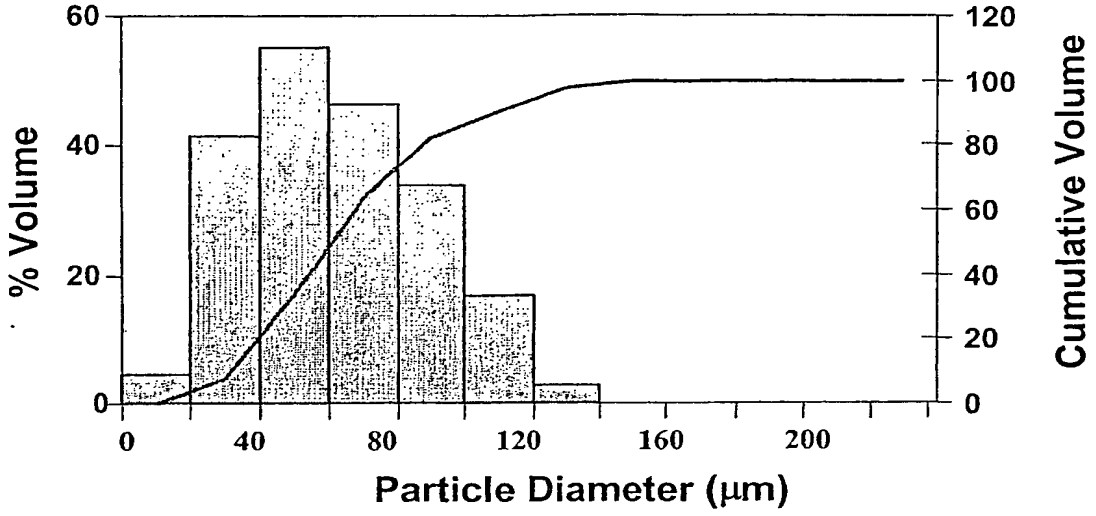


FIGURE 8

(a)


60
40
20
0
% Volume
120
100
80
60
40
20
0
Cumulative Volume
0
40
80
120
160
200
Particle Diameter (μm)

(b)

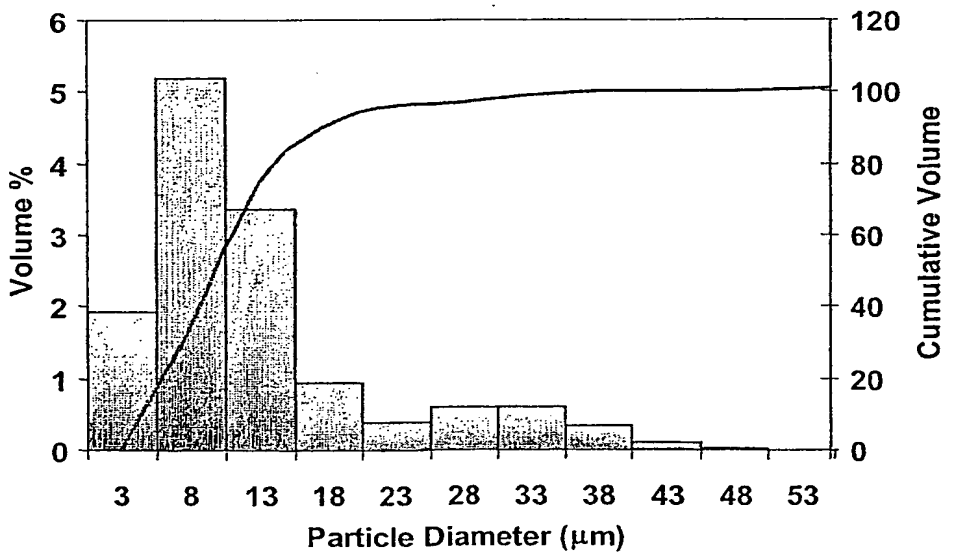

6
5
4
3
2
1
0
Volume %
120
100
80
60
40
20
0
Cumulative Volume
3
8
13
18
23
28
33
38
43
48
53
Particle Diameter (μm)

FIGURE 9

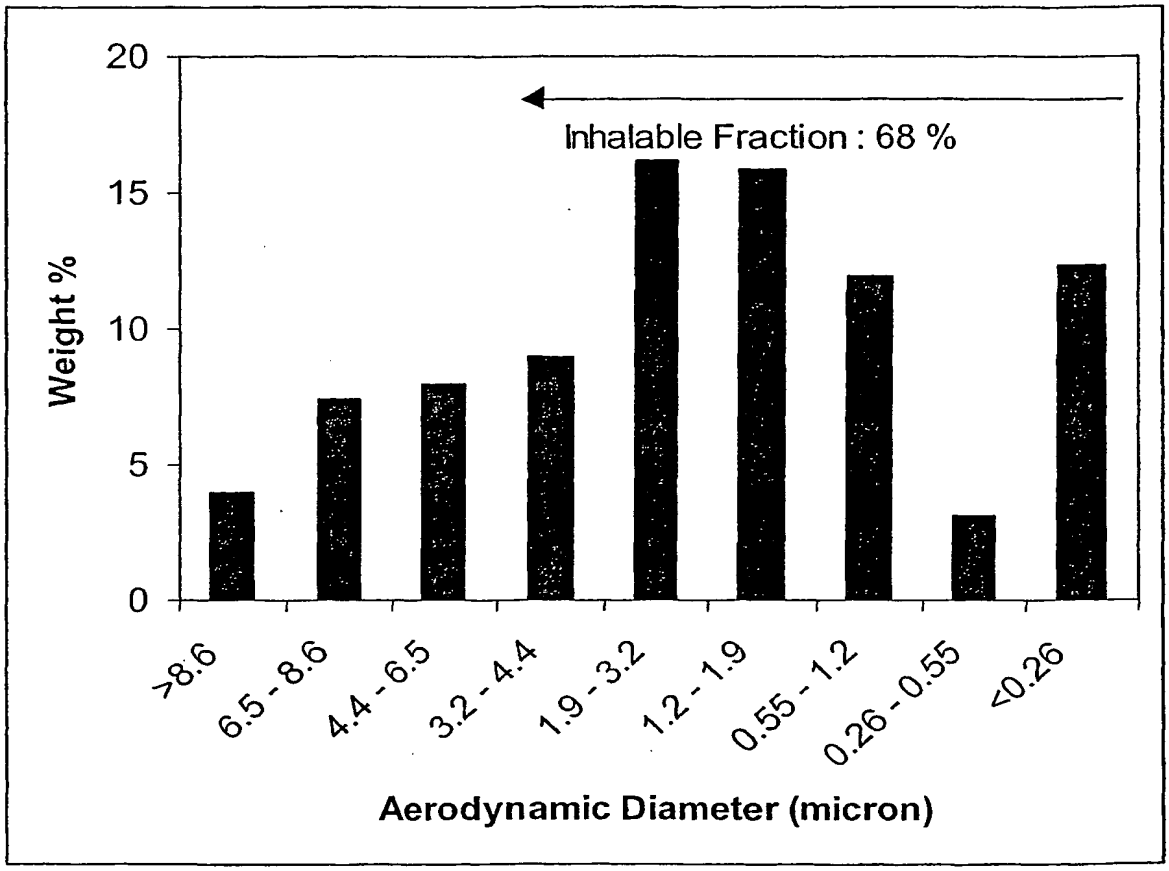

20
15
10
5
0
Weight %
Inhalable Fraction : 68 %
>8.6
6.5 - 8.6
4.4 - 6.5
3.2 - 4.4
1.9 - 3.2
1.2 - 1.9
0.55 - 1.2
0.26 - 0.55
<0.26
Aerodynamic Diameter (micron)

FIGURE 10